

ABSTRACT

5 Multicarrier transmission apparatus 100 receives
channel quality information of subcarriers from
multicarrier reception apparatus 200 and interleave
pattern setting section 108 sets an interleave pattern
according to channel quality of subcarriers.
10 Interleaver 106 interleaves I components and/or Q
components of symbols using the set interleave pattern.
As a result, it is possible to optimize diversity gains
in modulation diversity modulation/demodulation
according to channel quality.